



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, March 9, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Severe storms with damaging winds, large hail, and a few tornadoes possible for **NE TX/SE OK/AR/N LA**.
 - The best potential for scattered damaging winds, hail, and a few tornadoes is across the Enhanced Risk area in **E AR**. A strong tornado is possible
- Marginal risk of heavy rainfall and flash flooding over **AR**
- Elevated fire weather conditions possible for **S&E NM/W TX/TX & OK Panhandles/ West-Central TX/W OK**.

Tomorrow

- No significant weather impacts.

Monday

- Marginal risk of severe storms Monday night over **SE NM** and **W TX**.
- Marginal risk of heavy rainfall and flash flooding over **E NM** and **W TX**

Tuesday - Wednesday

- Severe storms possible across parts of **SE NM** into west/central/northeast **TX** and **OK**.
- Isolated heavy rain/flash flooding possible late Tuesday into early Wednesday across **OK** into north/central **TX** into **AR**

River Flooding

- Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in **E AR/E LA**.
- The **MS Flooding** is slightly higher than 2016 & 1997.
- Rainfall the next 5 days is not expected to significantly impact the ongoing river flooding but may cause new minor river flooding across portions of **N** and **E TX** next week.

FEMA Region 6 Threat Matrix

Mar 9, 2019 – Mar 13, 2019



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	E AR		SE NM/W TX	SE NM/OK/ West/Central TX	OK into central/northeast TX
	AR/NE TX/SE OK/ N LA				
Heavy Rain / Flash Flooding	AR		E NM/W TX	OK/AR north/central TX	OK/AR north/central TX
Winter Weather					
Strong Winds	NM				
Fire Weather	S&E NM/W TX/ TX & OK Panhandles/ W CTX/W OK				
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA
				N & ETX	N & ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

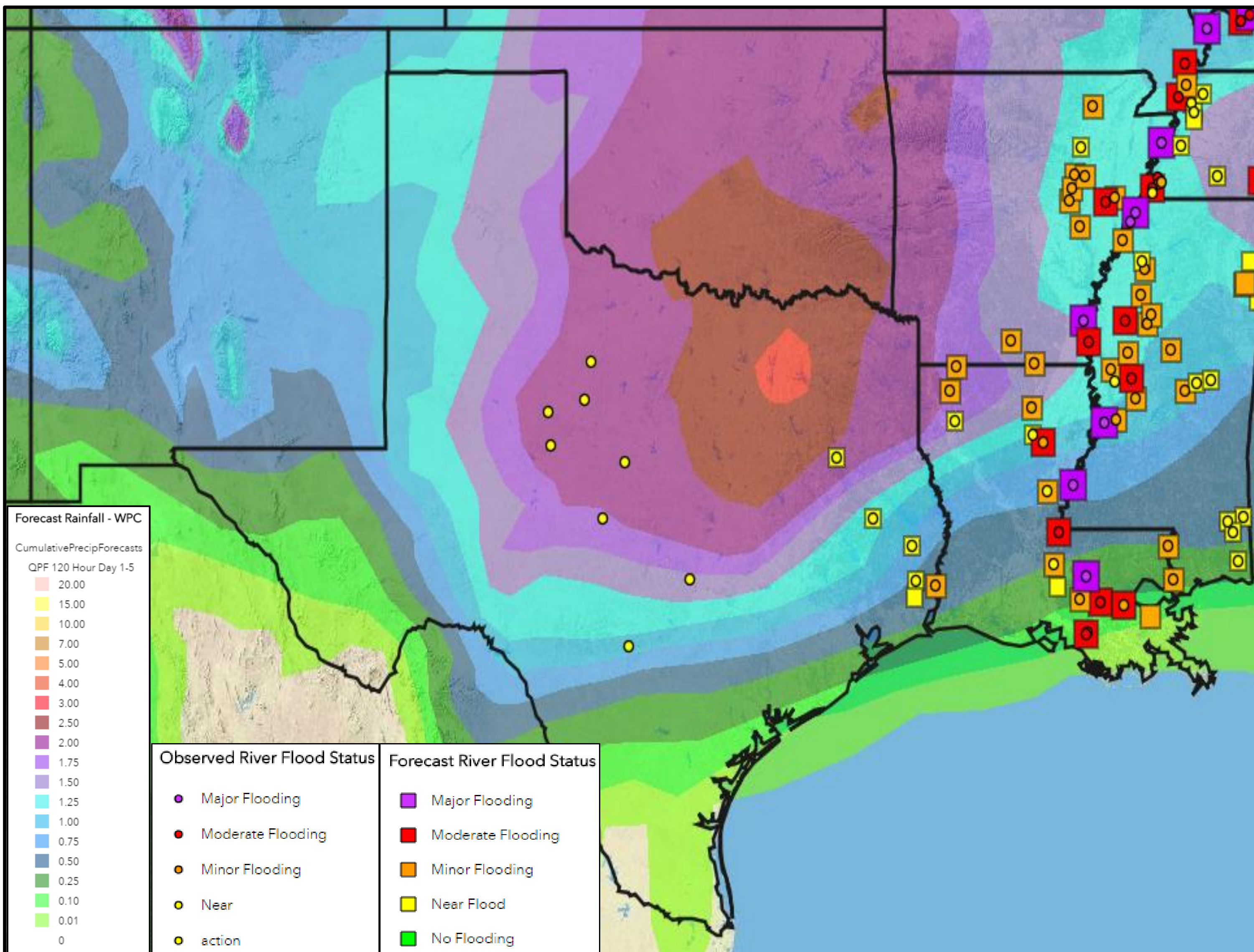
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997. Rainfall the next 5 days is not expected to significantly impact the ongoing river flooding but may cause new minor river flooding across portions of N and E TX next week.

Arkansas

- **All rivers have crested except the MS River.**
- **Mississippi River at Osceola, Tunica Riverpark, and near Arkansas City remain at major flood, but have all crested.**
- **Mississippi River near Greenville, MS is in moderate and is currently cresting right at the threshold for major flood stage.**

Louisiana

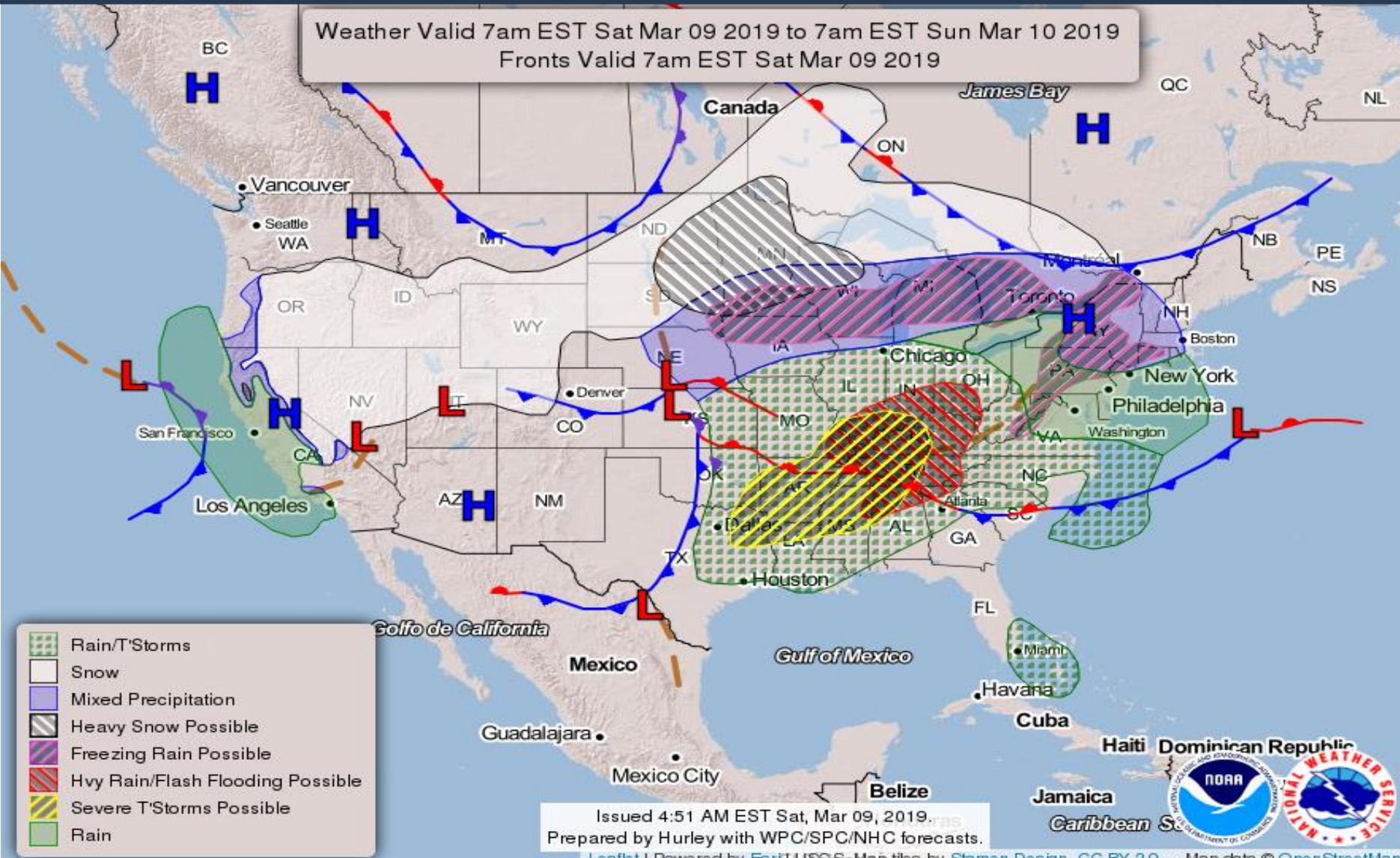
- **MS River at Baton Rouge is at Major flood and rising. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.**
- **MS River at Vicksburg and Natchez are at major flood stage and continue to rise with homes and roads impacted.**

Today's Weather

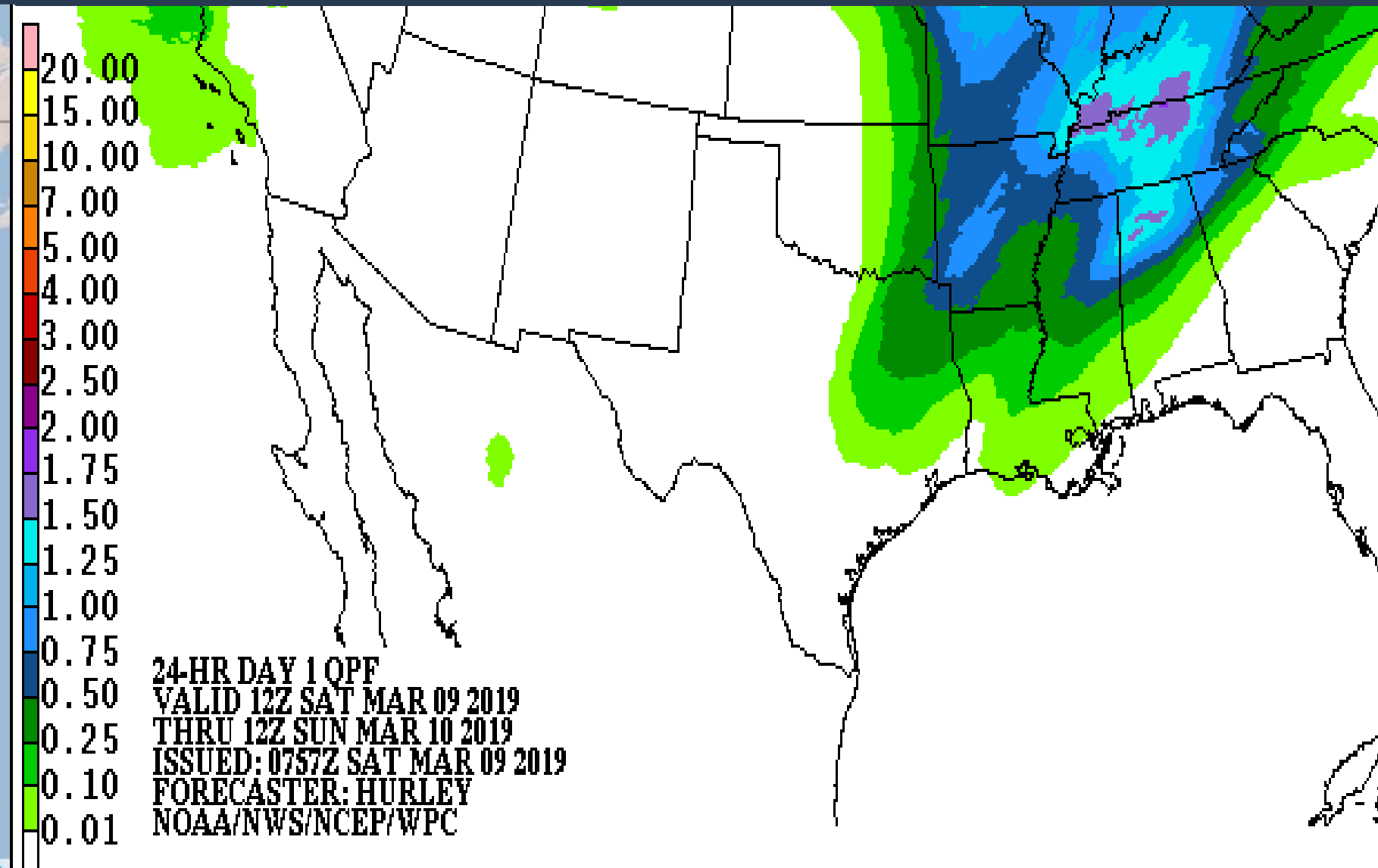


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Forecast Chart



Forecast Rainfall

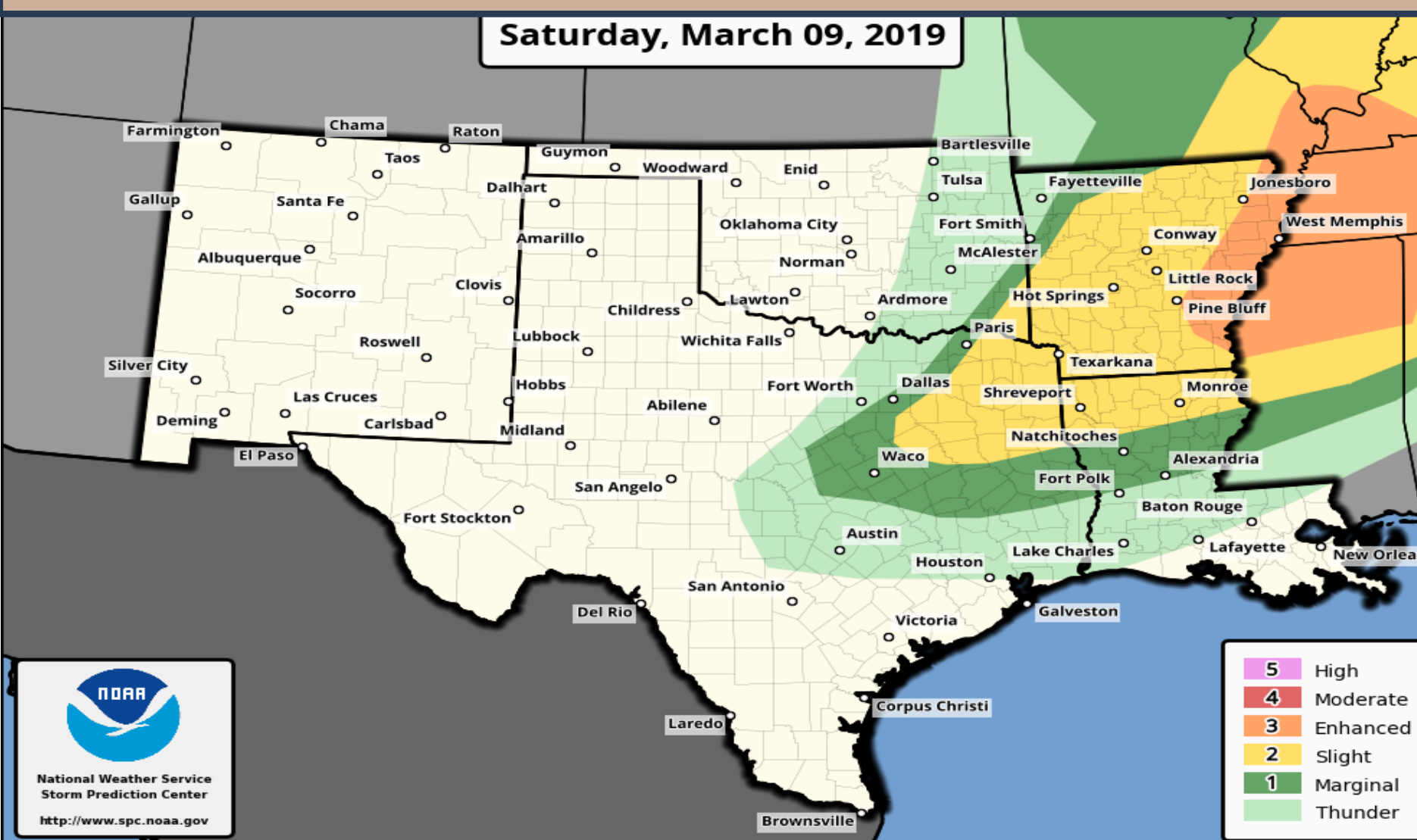


Severe storms with damaging winds, large hail, and a few tornadoes possible for NE TX/SE OK/AR/N LA.

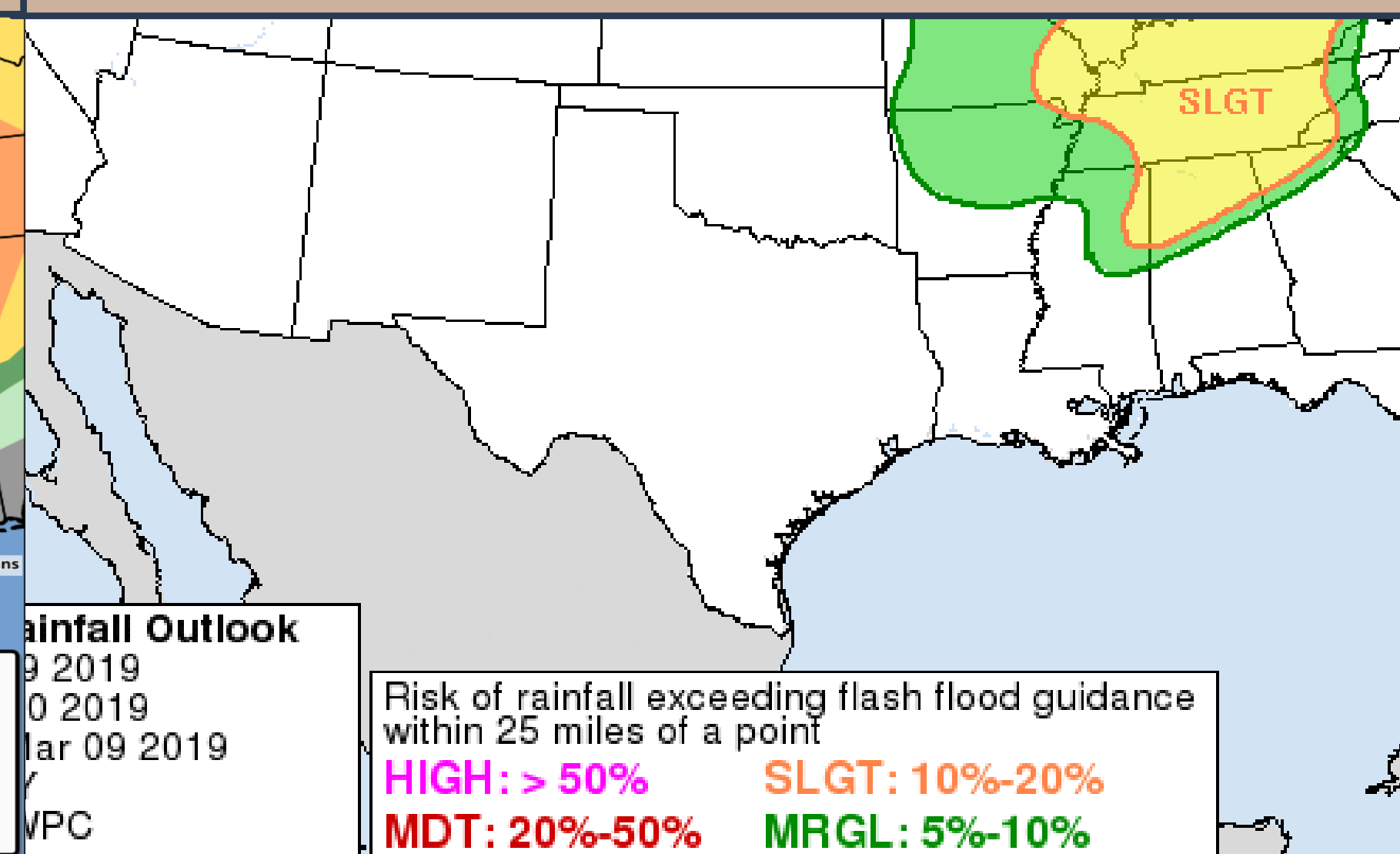
The best potential for damaging winds, hail, and tornadoes is across the Enhanced Risk area in E AR. A strong tornado is possible

Isolated heavy rain and flooding in AR

Severe Weather Outlook



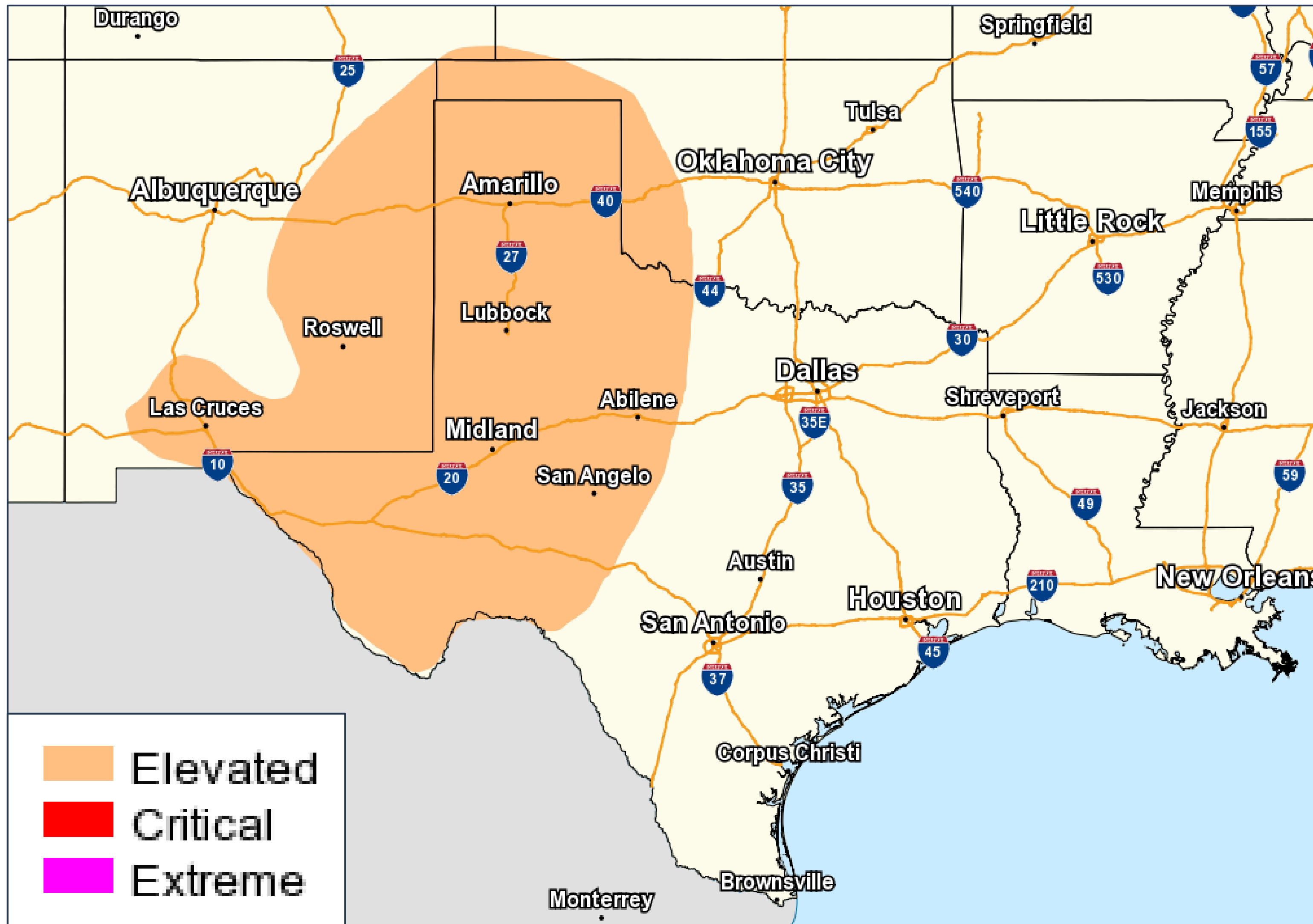
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated fire weather conditions possible across S&E NM/W TX/TX & OK Panhandles/ west-central TX/W OK.

Tomorrow's Weather

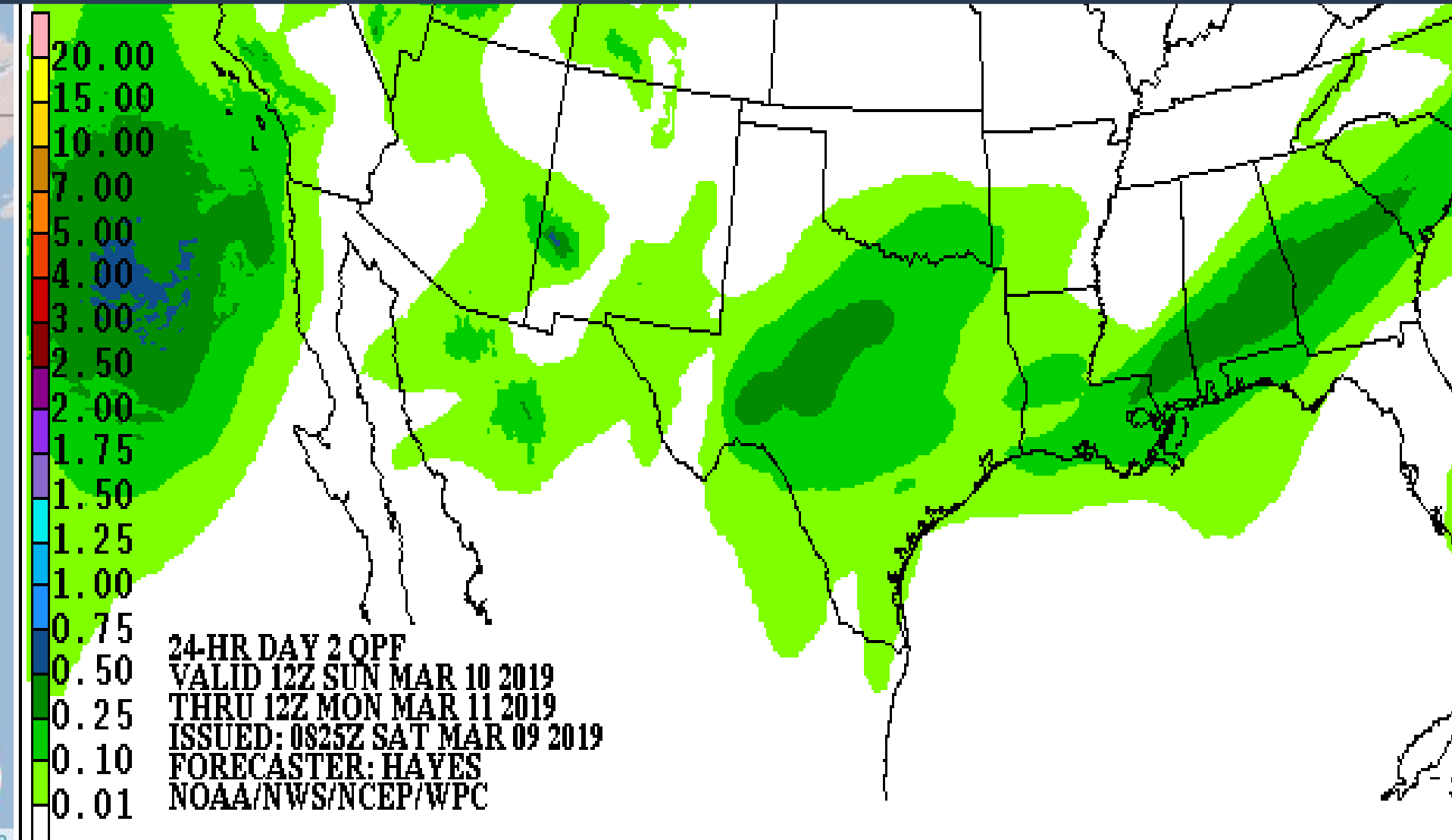
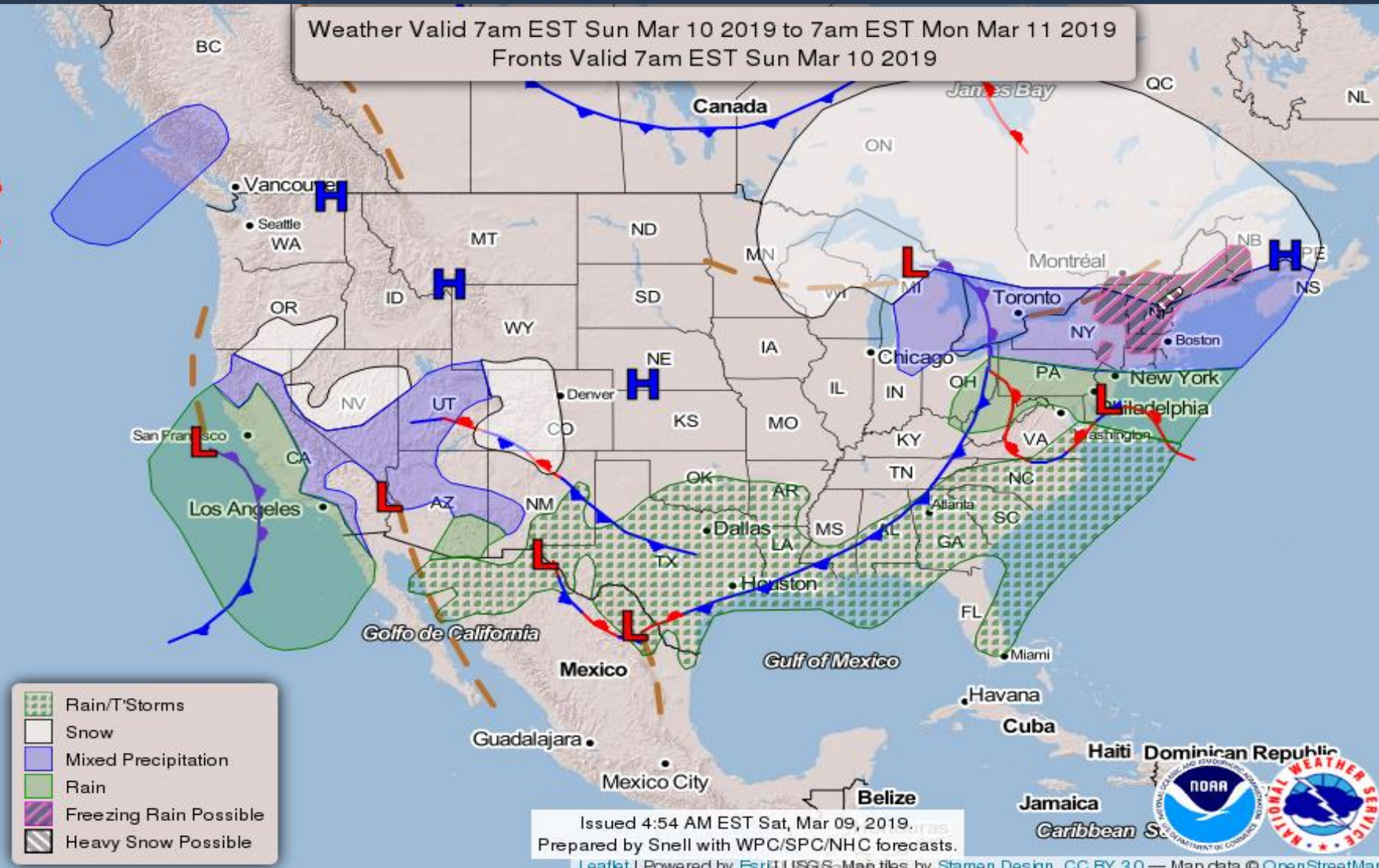


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Forecast Chart

Forecast Rainfall

No significant weather
expected.

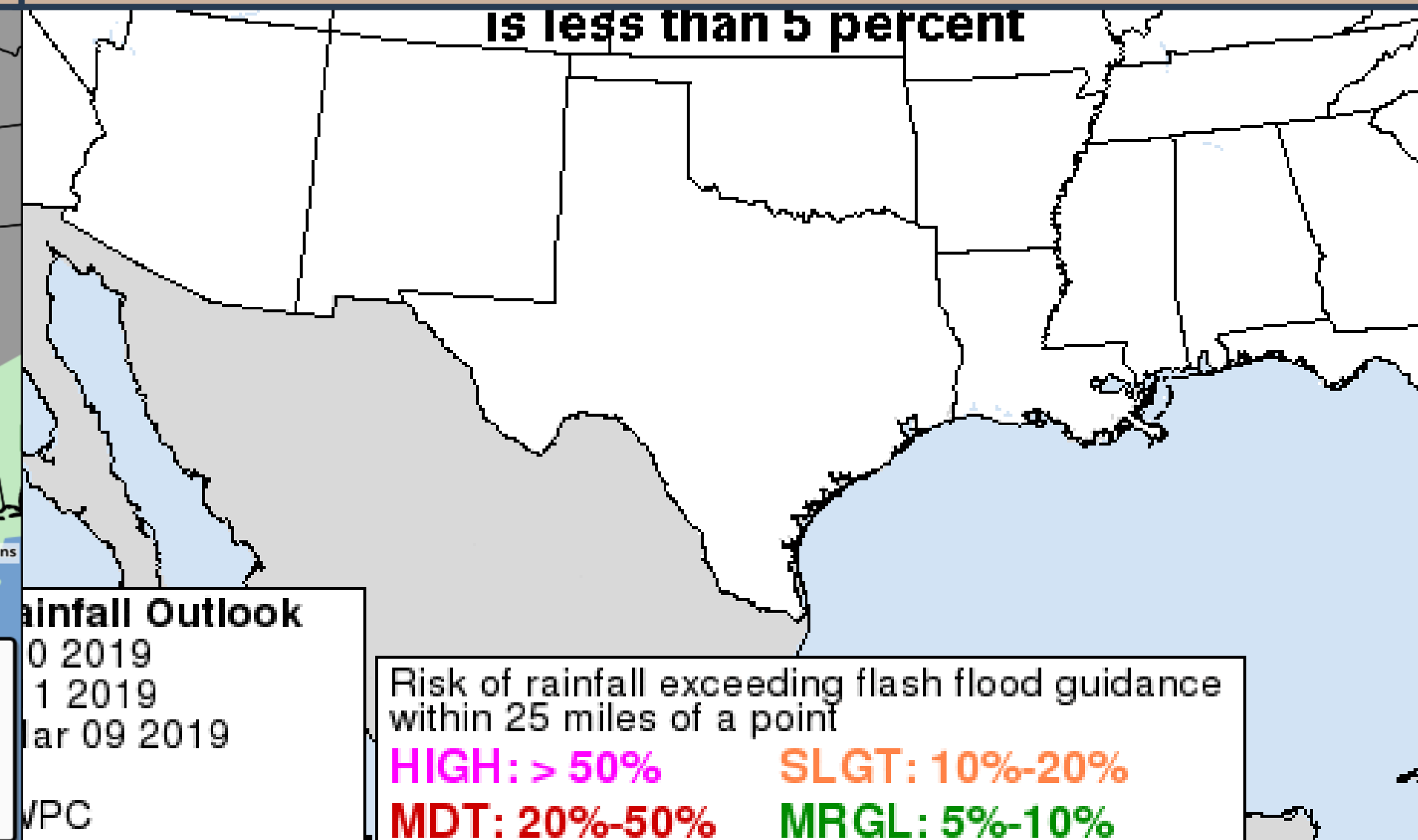
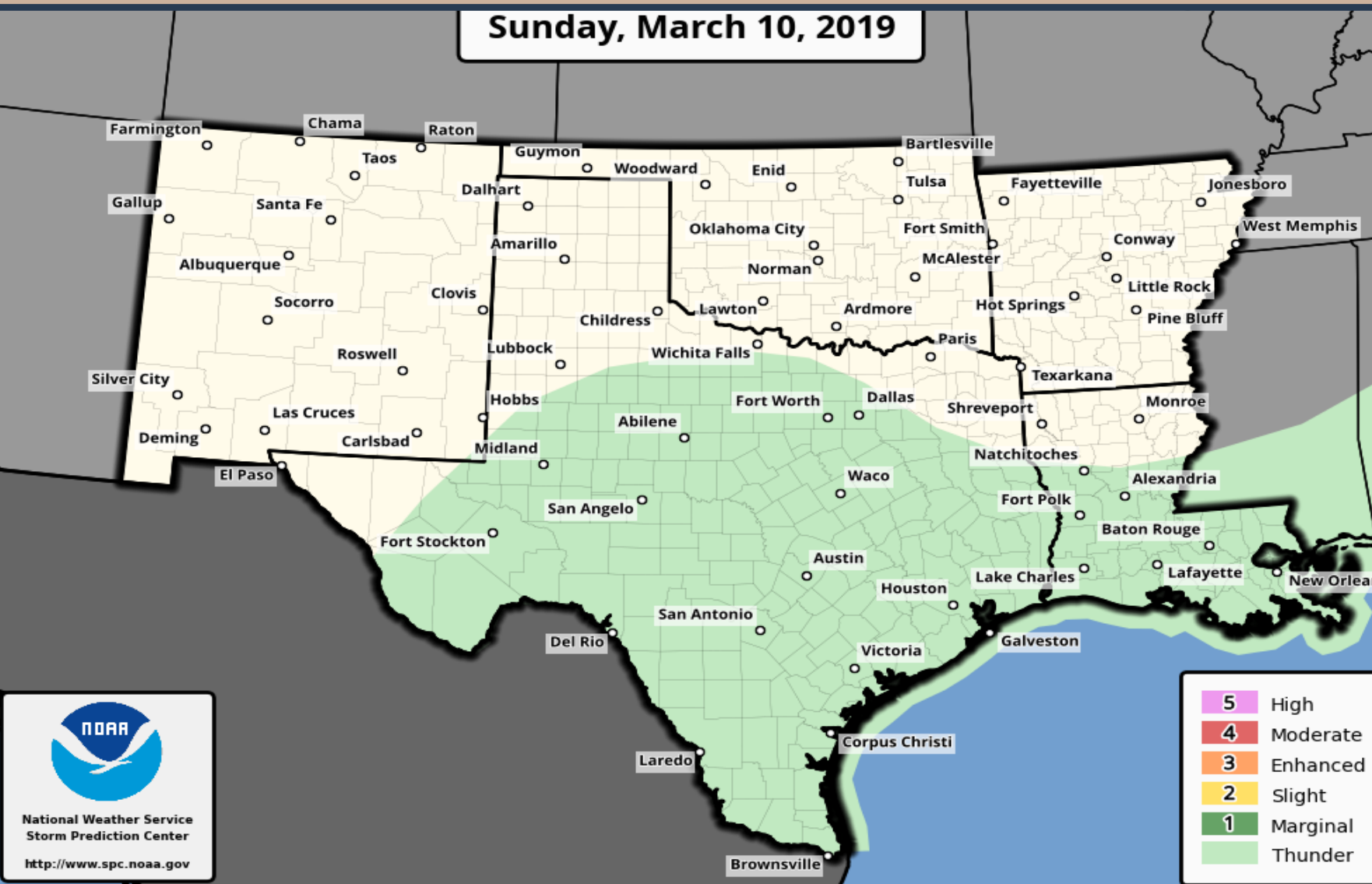


Severe Weather Outlook

Excessive Rainfall Outlook

Sunday, March 10, 2019

is less than 5 percent



Monday's Weather



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Forecast Chart

Forecast Rainfall

Marginal risk of severe storms SE NM and WTX Monday night. Large hail main threat

Marginal risk of heavy rainfall and flooding over E NM and WTX

Severe Weather Outlook

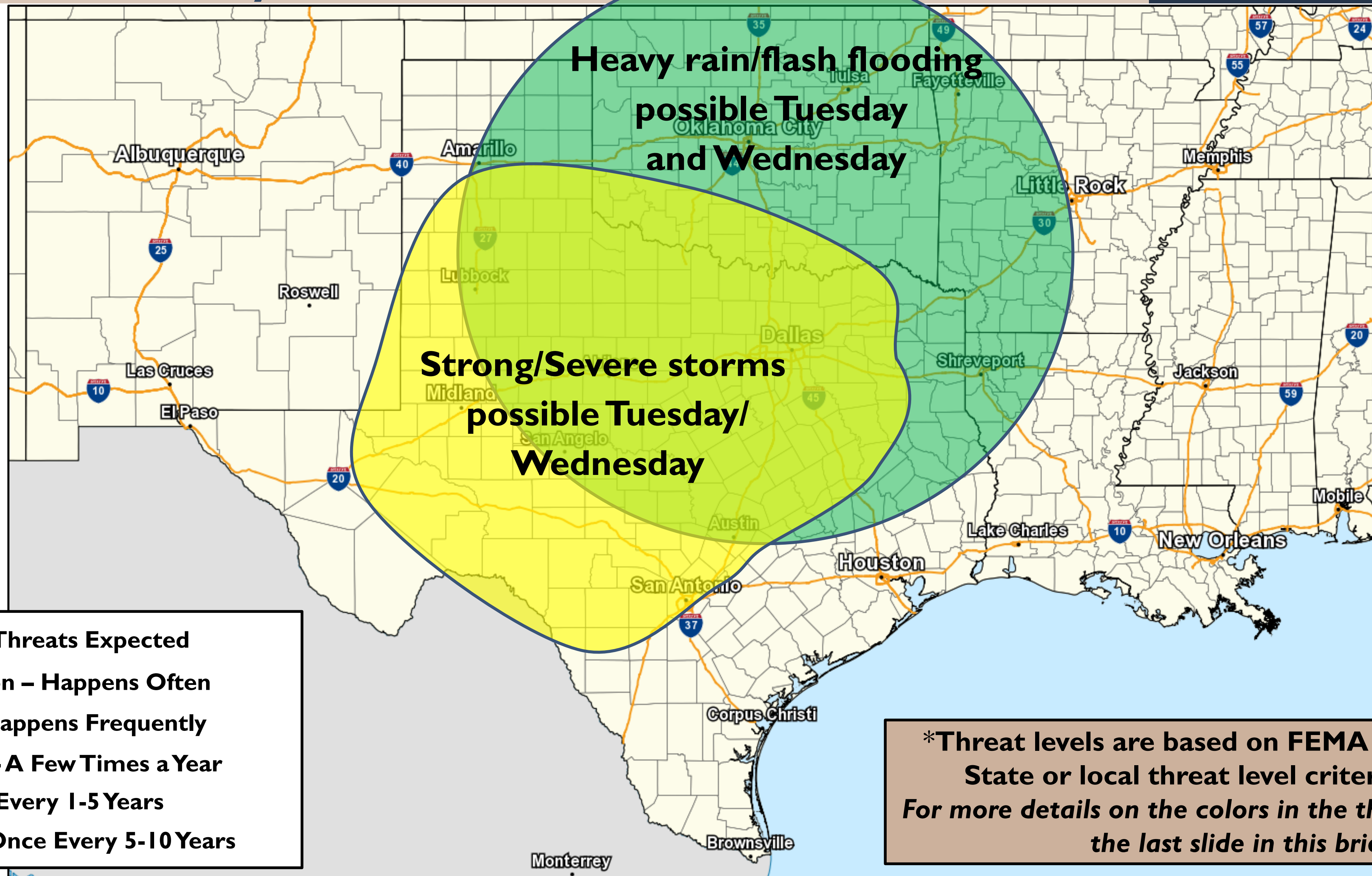
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Tuesday - Wednesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

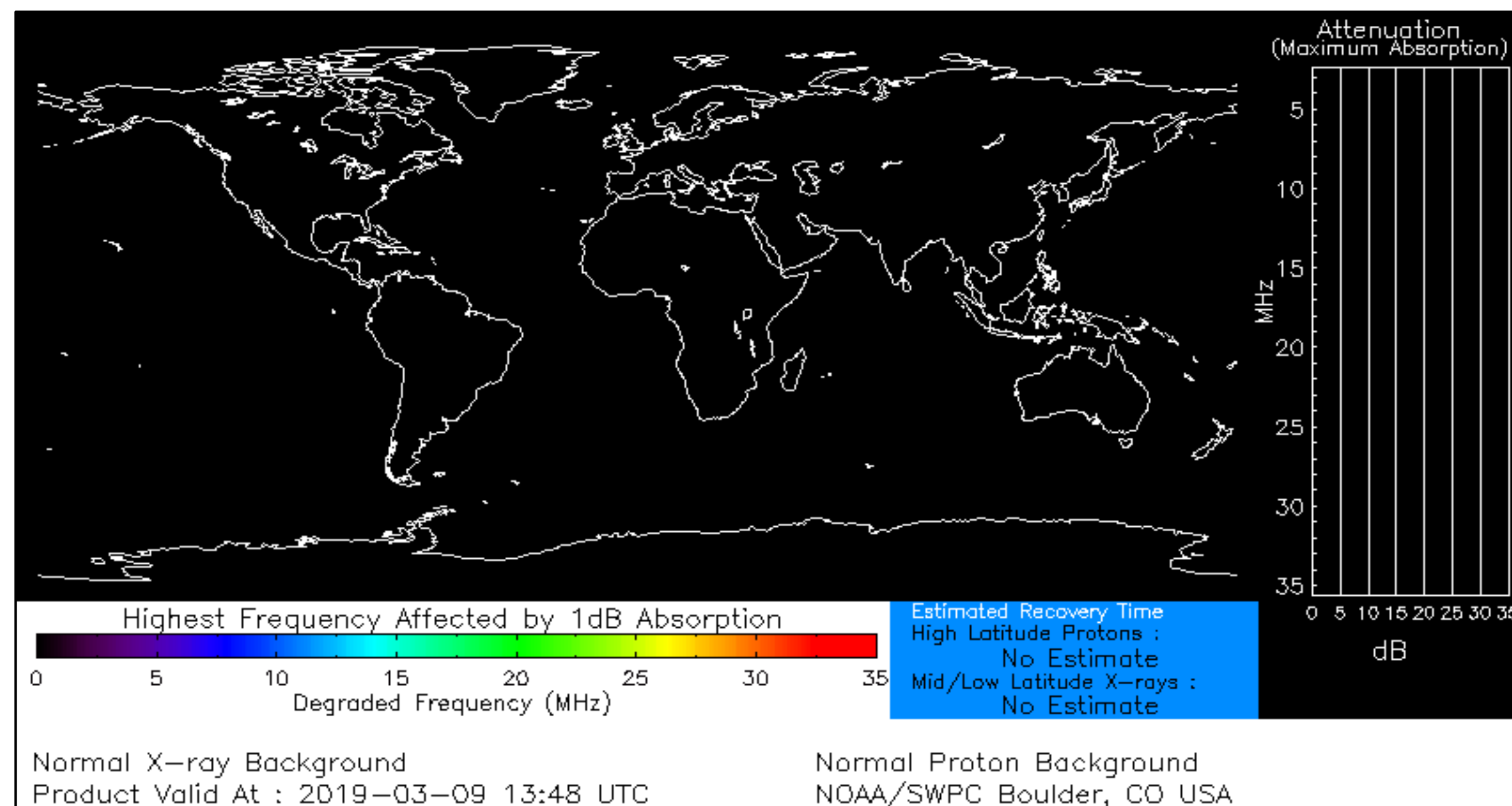
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Space Weather 3-Day Forecast



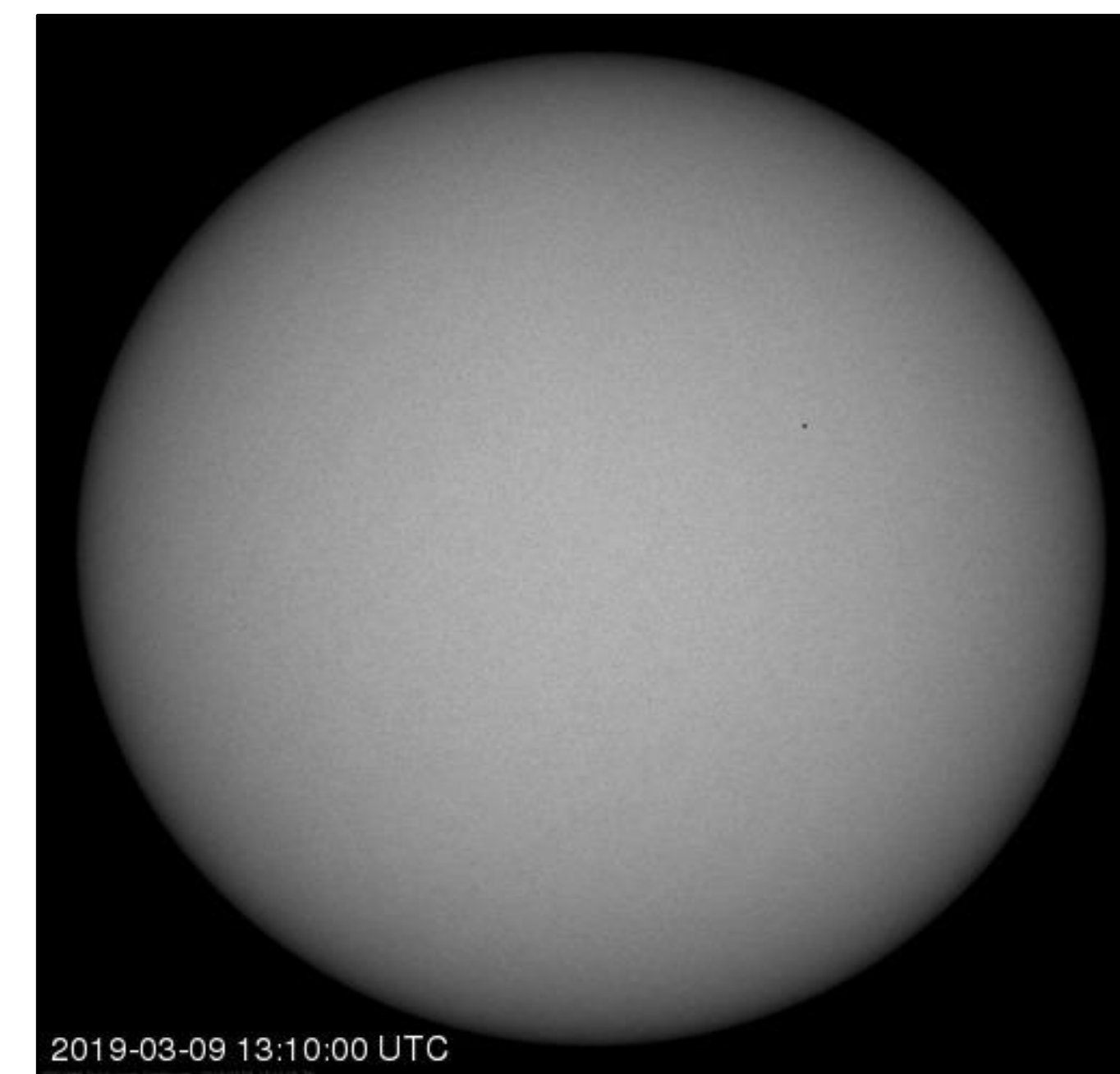
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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Fort Worth, TX

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov